



# MDCH Updates

MIACET

November 29, 2012

# \* Major Accomplishments 2012

## \* Education


- \* World TB Day Symposium, March 23 @ Henry Ford Hospital: 80 attendees
- \* TB Nursing Case Management Course, June 21 @ Ingham County: 30 attendees
- \* TB Intensive (MI, OH, IN & NJ RTMCC), October 4 & 5 @ Lansing: 124 attendees from 3 states

## \* Guidelines and Tools

- \* MIACET guidelines revised and updated
- \* Discharge Planning checklist
- \* Completion of Therapy and Directly-Observed Therapy one-pagers
- \* TB Suspect/Case/Reporting PowerPoint presentation courtesy of Dr. Kissner.

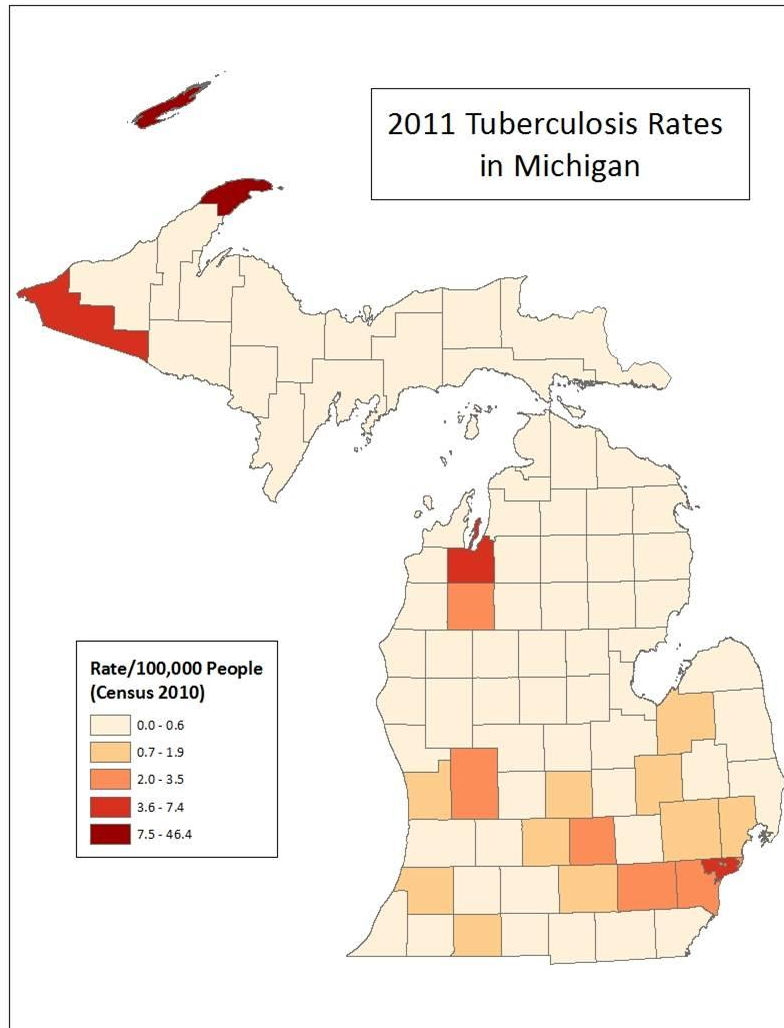
## \* In Development

- \* Inpatient Pulmonary TB Isolation Protocol
- \* State and Regional TB epi profiles



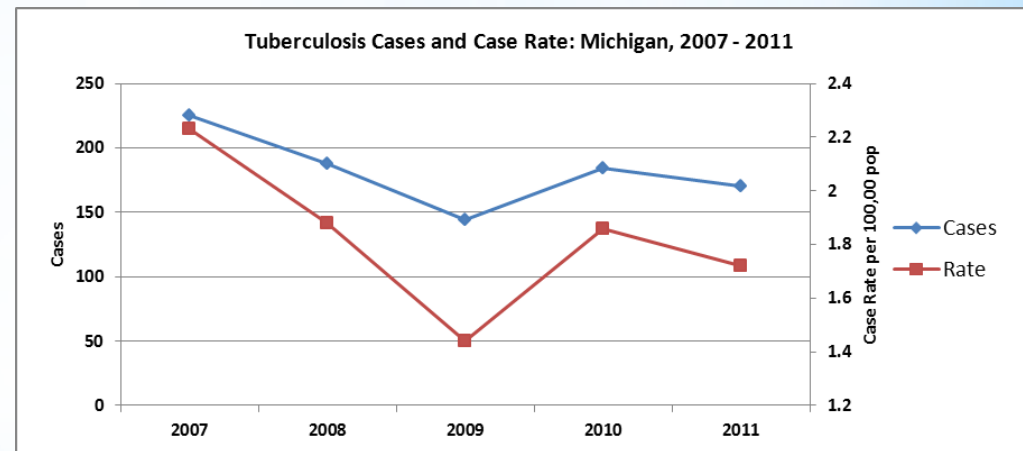
# \*Tuberculosis Epidemiology

# \* TB Cases and Rates, 2011



170 cases reported in 2011

- 106 (62%) in Metro Detroit (Detroit City, Oakland County, Wayne County)
- 109 (64%) pulmonary
- 1 MDR

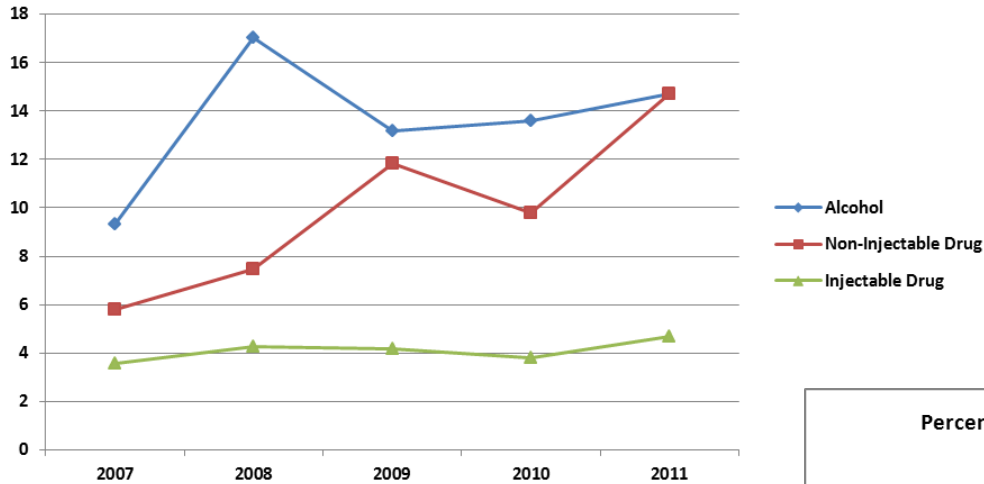


120 cases counted to-date in 2012

- 71 (59%) in Metro Detroit (Detroit City, Oakland County, Wayne County)
- 78 (65%) pulmonary
- 1 MDR

# \* Substance Abuse and Homelessness Among TB Cases, 2007 - 2011

Percent of Tuberculosis Cases by Alcohol and Drug Use Risk Factors: Michigan, 2007 - 2011



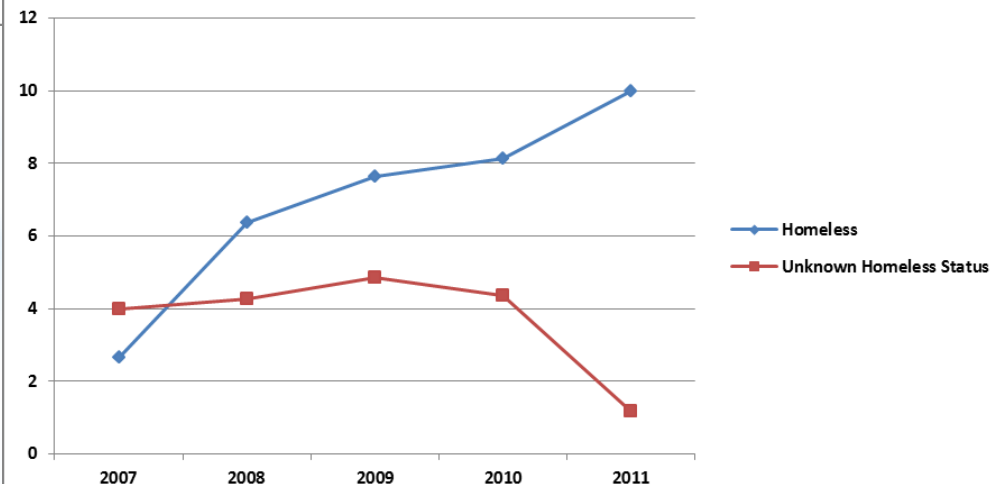
The number of homeless cases in 2011 was 13% higher than in 2010.

5 (4%) of cases to-date in 2012 were reported with homelessness.

The number of cases with substance abuse in 2011 was 16% higher than in 2010.

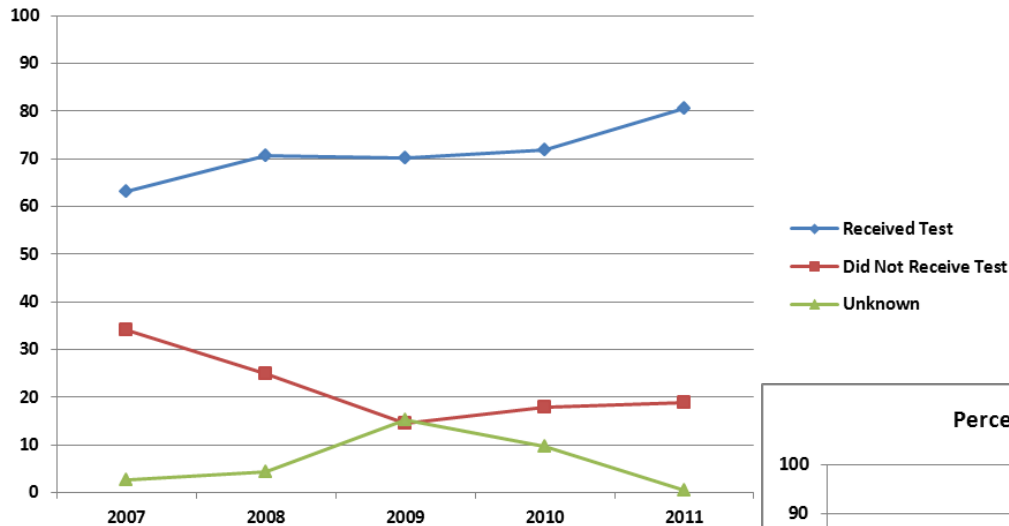
14 (12%) of cases to-date in 2012 were reported with substance abuse.

Percent of Tuberculosis Cases by Homeless Status in Prior Year: Michigan, 2007 - 2011



# \* HIV Testing and Status Among TB Cases, 2007 - 2011

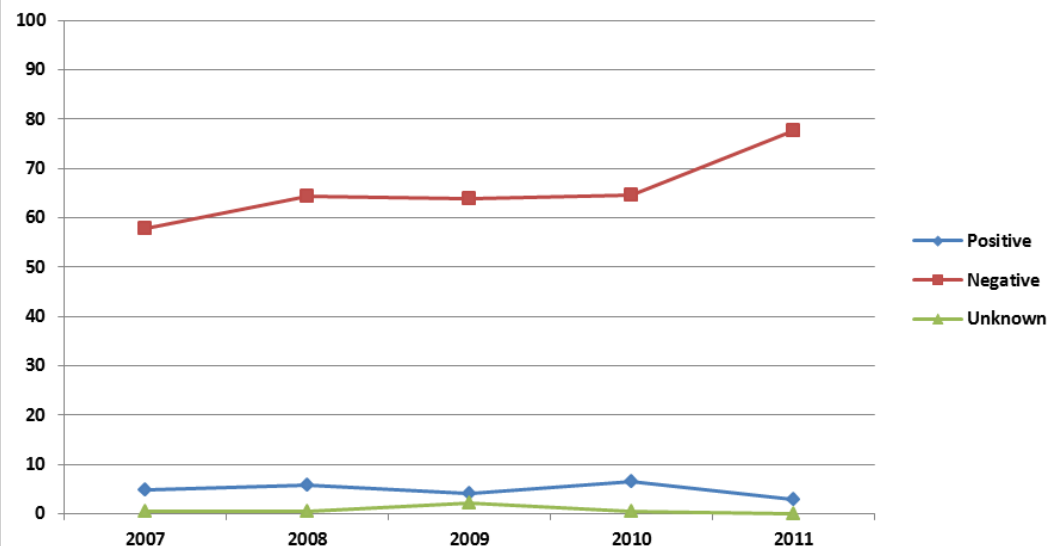
Percent of Tuberculosis Cases by HIV Testing Status: Michigan, 2007 - 2011



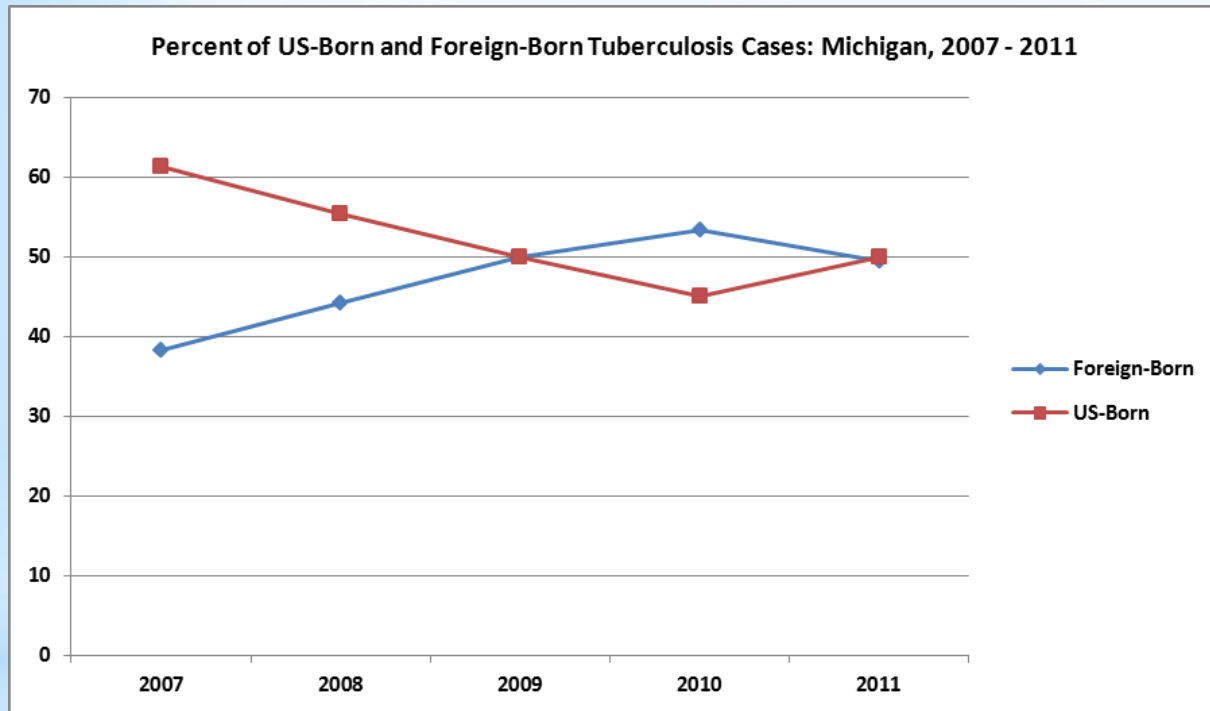
To-date in 2012:  
83 (69%) cases HIV negative  
5 (4%) cases HIV positive

88 (73%) of cases to-date in 2012 received an HIV test.

Percent of Tuberculosis Cases by HIV Status: Michigan, 2007 - 2011



# \* US-born and Foreign Born TB Cases, 2007 - 2011



To-date in 2012:  
54 (45%) cases US-born  
59 (49%) cases Foreign-born